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OM protein - protein search, using sw model

Run on: January 30, 2002, 11:48:26 ; Search time 24.73 Seconds
(without alignments)
11.829 Million cell updates/sec

Title: US-09-432-546-4
Perfect score: 99
Sequence: 1 RRPMPWPKWPLI 13

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PCITUS_COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	78	78.8	14	US-08-702-054B-18	Sequence 18, Appl
2	75	75.8	15	US-08-702-054B-39	Sequence 39, Appl
3	73	73.7	13	US-08-197-205-2	Sequence 2, Appl
4	73	73.7	13	US-08-915-314-31	Sequence 31, Appl
5	70	70.7	12	US-08-915-314-39	Sequence 39, Appl
6	70	70.7	12	US-08-915-314-43	Sequence 43, Appl
7	70	70.7	13	US-08-915-314-25	Sequence 25, Appl
8	70	70.7	13	US-08-915-314-38	Sequence 38, Appl
9	70	70.7	13	US-08-702-054B-33	Sequence 33, Appl
10	69.5	70.2	16	US-08-702-054B-38	Sequence 38, Appl
11	67.5	68.2	16	US-08-702-054B-11	Sequence 11, Appl
12	67	67.7	11	US-08-915-314-28	Sequence 28, Appl
13	67	67.7	13	US-08-915-314-45	Sequence 45, Appl
14	67	67.7	13	US-08-702-054B-1	Sequence 1, Appl
15	67	67.7	13	US-08-702-054B-17	Sequence 17, Appl
16	67	67.7	13	US-08-702-054B-32	Sequence 32, Appl
17	67	67.7	13	US-08-702-054B-47	Sequence 47, Appl
18	66	66.7	20	US-08-915-314-47	Sequence 54, Appl
19	66	66.2	21	US-08-915-314-54	Sequence 61, Appl
20	65.5	66.2	15	US-08-702-054B-6	Sequence 6, Appl
21	65.5	66.2	12	US-08-702-054B-8	Sequence 8, Appl
22	65	65.7	12	US-08-197-205-4	Sequence 4, Appl
23	65	65.7	12	US-08-915-314-42	Sequence 42, Appl
24	65	65.7	12	US-08-915-314-76	Sequence 76, Appl
25	65	65.7	12	US-08-915-314-77	Sequence 77, Appl
26	65	65.7	12	US-08-915-314-86	Sequence 86, Appl
27	65	65.7	13	US-08-915-314-87	Sequence 87, Appl
			13	US-08-197-205-3	Sequence 3, Appl

28	65	65.7	21	4	US-08-915-314-46	Sequence 46, Appl
29	65	65.7	21	4	US-08-915-314-48	Sequence 48, Appl
30	64.5	65.2	15	4	US-08-702-054B-40	Sequence 40, Appl
31	64	64.6	11	4	US-08-915-314-75	Sequence 75, Appl
32	64	64.6	12	4	US-08-915-314-24	Sequence 24, Appl
33	64	64.6	12	4	US-08-915-314-52	Sequence 52, Appl
34	64	64.6	12	4	US-08-915-314-69	Sequence 69, Appl
35	64	64.6	12	4	US-08-915-314-74	Sequence 74, Appl
36	64	64.6	12	4	US-08-702-054B-5	Sequence 5, Appl
37	64	64.6	13	4	US-08-915-314-30	Sequence 30, Appl
38	64	64.6	13	4	US-08-915-314-51	Sequence 51, Appl
39	64	64.6	13	4	US-08-915-314-58	Sequence 58, Appl
40	64	64.6	13	4	US-08-915-314-62	Sequence 62, Appl
41	64	64.6	13	4	US-08-915-314-63	Sequence 63, Appl
42	64	64.6	13	4	US-08-915-314-64	Sequence 64, Appl
43	64	64.6	13	4	US-08-702-054B-34	Sequence 34, Appl
44	64	64.6	13	4	US-08-702-054B-35	Sequence 35, Appl
45	64	64.6	13	4	US-09-042-071-36	Sequence 36, Appl

ALIGNMENTS

RESULT 1
US-08-702-054B-18
Sequence 18, Application US/08702054B
Patent No. 6191254
GENERAL INFORMATION:
APPLICANT: Falls, Timothy J.
APPLICANT: Hancock, Robert E. W.
TITLE OF INVENTION: ANTIMICROBIAL CATIONIC PEPTIDES
TITLE OF INVENTION: AND METHODS OF SCREENING FOR THE SAME
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FASTSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702.054B
FILING DATE: 23-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/002,687
FILING DATE: 23-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5099
TELEFAX: 619/678-5070
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-702-054B-18

Query Match 78.8%; Score 78; DB 4; Length 14;
Best Local Similarity 80.0%; Pred. No. 6.4e-05;
Matches 8; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRPMPWPKW 10

Db :|||||
3 KKPMPMPMKW 12

RESULT 2

US-08-702-054B-39

Sequence 39, Application US/08702054B

Patent No. 6191254

GENERAL INFORMATION:

APPLICANT: Falls, Timothy J.

APPLICANT: Hancock, Robert E. W.

APPLICANT: Gough, Monisha

TITLE OF INVENTION: ANTIMICROBIAL CATIONIC PEPTIDES

NUMBER OF SEQUENCES: 44 AND METHODS OF SCREENING FOR THE SAME

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla

STATE: CA

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: FastSeq for Windows Version 2.0b

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/702,054B

FILING DATE: 23-AUG-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/002,687

FILING DATE: 23-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: Haile, Lisa A.

REGISTRATION NUMBER: 38,347

REFERENCE/DOCKET NUMBER: 07420/013001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619/678-5070

TELEFAX: 619/678-5099

INFORMATION FOR SEQ ID NO: 39:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-702-054B-39

Query Match 75.8%; Score 75; DB 4; Length 15;
Best Local Similarity 70.0%; Pred. No. 0.00017;
Matches 7; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 RMPMPMPMKW 10

Db 3 KKPMPMPMKW 12

RESULT 3

US-08-197-205-2

Sequence 2, Application US/08197205

Patent No. 5547939

GENERAL INFORMATION:

APPLICANT: Selsted, Michael E.

TITLE OF INVENTION: Broad Spectrum Antimicrobial Compounds

NUMBER OF SEQUENCES: 8 and Methods of Use

CORRESPONDENCE ADDRESS:

ADDRESSEE: Campbell and Flores

STREET: 4370 La Jolla Village Drive, Suite 700

CITY: San Diego

STATE: California

COUNTRY: USA

ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/197,205
FILING DATE: 16-FEB-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-UC 9881
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 amino acids
TOPOLOGY: linear

Query Match 73.7%; Score 73; DB 1; Length 13;
Best Local Similarity 77.8%; Pred. No. 0.00027;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 RMPMPMPMKW 10

Db 5 KKPMPMPMKW 13

RESULT 4

US-08-915-314-31

Sequence 31, Application US/08915314

Patent No. 6180604

GENERAL INFORMATION:

APPLICANT: Fraser, Janet R.

APPLICANT: West, Michael H.P.

APPLICANT: Krieger, Timothy J.

APPLICANT: Taylor, Robert

APPLICANT: Erile, Douglas

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING

NUMBER OF SEQUENCES: 90 INFECTIONS USING ANALOGUES OF INDOLICIDIN

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,314
FILING DATE: 20-AUG-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: No. 6180604tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 660081.405
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 amino acids

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,314
FILING DATE: 20-AUG-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: No. 6180604tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 660081.405
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 amino acids

TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-915-314-31

Query Match 73.7%; Score 73; DB 4; Length 13;
Best Local Similarity 100.0%; Pred. No. 0.00027;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RRPWMPWK 9
|||||||
Db 2 RRPWMPWK 10

RESULT 5
US-08-915-314-39
; Sequence 39, Application US/08915314
; Patent No. 6180604
; GENERAL INFORMATION:
; APPLICANT: Fraser, Janet R.
; APPLICANT: West, Michael H.P.
; APPLICANT: Krieger, Timothy J.
; APPLICANT: Taylor, Robert
; APPLICANT: Erfile, Douglas
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
; TITLE OF INVENTION: INFECTIONS USING ANALOGUES OF INDOLICIDIN
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/915,314
; FILING DATE: 20-AUG-1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6180604tenburg Ph.D., Carol
; REGISTRATION NUMBER: 39,317
; REFERENCE/DOCKET NUMBER: 660081.405
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
US-08-915-314-39

Query Match 70.7%; Score 70; DB 4; Length 12;
Best Local Similarity 88.9%; Pred. No. 0.00062;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 RRPWMPWK 9
|||||||
Db 3 RRPWMPWK 11

RESULT 6
US-08-915-314-43
; Sequence 43, Application US/08915314
; Patent No. 6180604

; GENERAL INFORMATION:
; APPLICANT: Fraser, Janet R.
; APPLICANT: West, Michael H.P.
; APPLICANT: Krieger, Timothy J.
; APPLICANT: Taylor, Robert
; APPLICANT: Erfile, Douglas
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
; TITLE OF INVENTION: INFECTIONS USING ANALOGUES OF INDOLICIDIN
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/915,314
; FILING DATE: 20-AUG-1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6180604tenburg Ph.D., Carol
; REGISTRATION NUMBER: 39,317
; REFERENCE/DOCKET NUMBER: 660081.405
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
US-08-915-314-43

Query Match 70.7%; Score 70; DB 4; Length 12;
Best Local Similarity 88.9%; Pred. No. 0.00062;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 RRPWMPWK 9
|||||||
Db 2 RRPWMPWK 10

RESULT 7
US-08-915-314-25
; Sequence 25, Application US/08915314
; Patent No. 6180604
; GENERAL INFORMATION:
; APPLICANT: Fraser, Janet R.
; APPLICANT: West, Michael H.P.
; APPLICANT: Krieger, Timothy J.
; APPLICANT: Taylor, Robert
; APPLICANT: Erfile, Douglas
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
; TITLE OF INVENTION: INFECTIONS USING ANALOGUES OF INDOLICIDIN
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,314
FILING DATE: 20-AUG-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: No. 6180604tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 660081.405
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-915-314-25

Query Match 70.7%; Score 70; DB 4; Length 13;
Best Local Similarity 88.9%; Pred. No. 0.00067;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 RRMPWMPWK 9
|||||||:
DB 3 RRMPWMPWR 11

RESULT 8
US-08-915-314-38
Sequence 38, Application US/08915314
Patent No. 6180604
GENERAL INFORMATION:
APPLICANT: Fraser, Janet R.
APPLICANT: West, Michael H.P.
APPLICANT: Krieger, Timothy J.
APPLICANT: Taylor, Robert
APPLICANT: Erfile, Douglas
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
TITLE OF INVENTION: INFECTIONS USING ANALOGUES OF INDOLICIDIN
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED AND BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,314
FILING DATE: 20-AUG-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: No. 6180604tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 660081.405
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear

US-08-915-314-38

Query Match 70.7%; Score 70; DB 4; Length 13;
Best Local Similarity 88.9%; Pred. No. 0.00067;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 RRMPWMPWK 9
|||||||:
DB 3 RRMPWMPWR 11

RESULT 9
US-08-702-054B-33
Sequence 33, Application US/08702054B
Patent No. 6191254
GENERAL INFORMATION:
APPLICANT: Falls, Timothy J.
APPLICANT: Hancock, Robert E. W.
APPLICANT: Gough, Monisha
TITLE OF INVENTION: ANTIMICROBIAL CATIONIC PEPTIDES
TITLE OF INVENTION: AND METHODS OF SCREENING FOR THE SAME
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FASTSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,054B
FILING DATE: 23-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/002,687
FILING DATE: 23-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07420/013001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-702-054B-33

Query Match 70.7%; Score 70; DB 4; Length 13;
Best Local Similarity 88.9%; Pred. No. 0.00067;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 RRMPWMPWK 9
|||||||:
DB 3 RRMPWMPWR 11

RESULT 10
US-08-702-054B-38
Sequence 38, Application US/08702054B
Patent No. 6191254
GENERAL INFORMATION:
APPLICANT: Falls, Timothy J.
APPLICANT: Hancock, Robert E. W.

APPLICANT: Gough, Monisha
TITLE OF INVENTION: ANTIMICROBIAL CATIONIC PEPTIDES
TITLE OF INVENTION: AND METHODS OF SCREENING FOR THE SAME
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,054B
FILING DATE: 23-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/002,687
FILING DATE: 23-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07420/013001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-702-054B-38

Query Match
Best Local Similarity 70.2%; Score 69.5; DB 4; Length 16;
Matches 8; Conservative 2; Mismatches 0; Indels 1; Gaps 1;

OY 1 RRPWMPWPKP 11
Db 3 KRPWMPW-WP 12

RESULT 11
US-08-702-054B-11
Sequence 11, Application US/08702054B
Patent No. 6191254
GENERAL INFORMATION:
APPLICANT: Falls, Timothy J.
APPLICANT: Hancock, Robert E. W.
APPLICANT: Gough, Monisha
TITLE OF INVENTION: ANTIMICROBIAL CATIONIC PEPTIDES
TITLE OF INVENTION: AND METHODS OF SCREENING FOR THE SAME
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,054B
FILING DATE: 23-AUG-1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/002,687
FILING DATE: 23-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07420/013001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-702-054B-11

Query Match
Best Local Similarity 68.2%; Score 67.5; DB 4; Length 16;
Matches 8; Conservative 1; Mismatches 0; Indels 1; Gaps 1;

OY 2 RRPWMPWPKP 11
Db 5 KRPWMPW-WP 13

RESULT 12
US-08-915-314-28
Sequence 28, Application US/08915314
Patent No. 6180604
GENERAL INFORMATION:
APPLICANT: Fraser, Janet R.
APPLICANT: West, Michael H.P.
APPLICANT: Krieger, Timothy J.
APPLICANT: Taylor, Robert
APPLICANT: Erile, Douglas
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
TITLE OF INVENTION: INFECTIONS USING ANALOGUES OF INDOLICIDIN
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,314
FILING DATE: 20-AUG-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: No. 6180604tendburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 660081.405
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-915-314-28

Query Match 67.7%; Score 67; DB 4; Length 11;
Best Local Similarity 77.8%; Pred. No. 0.0014;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRPWMPWK 9
DB 3 KKPWMPWK 11

RESULT 13

US-08-915-314-45
Sequence 45, Application US/08915314
Patent No. 6180604
GENERAL INFORMATION:
APPLICANT: Fraser, Janet R.
APPLICANT: West, Michael H.P.
APPLICANT: Krieger, Timothy J.
APPLICANT: Taylor, Robert
APPLICANT: Efile, Douglas
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
TITLE OF INVENTION: INFECTIONS USING ANALOGUES OF INDOLICIDIN
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED AND BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,314
FILING DATE: 20-AUG-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: No. 6180604tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 660081.405
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 682-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-915-314-45
Query Match 67.7%; Score 67; DB 4; Length 13;
Best Local Similarity 77.8%; Pred. No. 0.0017;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRPWMPWK 9
DB 3 KKPWMPWK 11

RESULT 14

US-08-702-054B-1
Sequence 1, Application US/08702054B
Patent No. 6191254
GENERAL INFORMATION:
APPLICANT: Falls, Timothy J.
APPLICANT: Hancock, Robert E. W.
APPLICANT: Gough, Monisha
TITLE OF INVENTION: ANTIMICROBIAL CATIONIC PEPTIDES
TITLE OF INVENTION: AND METHODS OF SCREENING FOR THE SAME

NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: FastSeq for Windows Version 2.0b

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/702,054B

FILING DATE: 23-AUG-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/002,687

FILING DATE: 23-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: Haile, Lisa A.

REGISTRATION NUMBER: 38,347

REFERENCE/DOCKET NUMBER: 07420/013001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619/678-5070

TELEFAX: 619/678-5099

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 13 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-702-054B-1

Query Match 67.7%; Score 67; DB 4; Length 13;
Best Local Similarity 77.8%; Pred. No. 0.0017;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRPWMPWK 9
DB 3 KKPWMPWK 11

RESULT 15

US-08-702-054B-17
Sequence 17, Application US/08702054B
Patent No. 6191254
GENERAL INFORMATION:
APPLICANT: Falls, Timothy J.
APPLICANT: Hancock, Robert E. W.
APPLICANT: Gough, Monisha
TITLE OF INVENTION: ANTIMICROBIAL CATIONIC PEPTIDES
TITLE OF INVENTION: AND METHODS OF SCREENING FOR THE SAME
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,054B
FILING DATE: 23-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/002,687
FILING DATE: 23-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: Hall, Lisa A.
 REGISTRATION NUMBER: 38,347
 REFERENCE/DOCKET NUMBER: 07420/013001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 619/678-5070
 TELEFAX: 619/678-5099
 INFORMATION FOR SEO ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 13 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-702-054B-17

Query Match

Best local Similarity 67.7%; Score 67; DB 4; Length 13;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRWPWPWK 9
 Db 3 KRPWPWK 11

Search completed: January 30, 2002, 11:51:00
 Job time: 154 sec

